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July 29, 2019

Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20510

Brian Hendricks
Government Relations
Nokia

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Re: *Notice of Ex Parte Presentation*, ET Docket No. 18-122; GN Docket Nos. 14-177 and 17-183; IB Docket Nos. 97-95 and 15-256; WC Docket No. 18-89; WT Docket No. 10-112

Dear Ms. Dortch:

On July 25, 2019, Brian Hendricks and Jeffrey Marks, of Nokia, met with Commissioner Jessica Rosenworcel and Umair Javed, Legal Advisor to Commissioner Rosenworcel.

In the meeting, Messrs. Hendricks and Marks discussed several issues that are priorities for Nokia. The Nokia representatives voiced strong support for the Commission's efforts to ensure robust 5G technical parameters in millimeter wave bands while protecting critical passive services adjacent to those next-generation wireless services. Nokia is working with government stakeholders to reach a consensus position for the upcoming World Radio Congress.

The Nokia representatives next stressed the need for the Commission to issue an order moving forward with repurposing mid-band spectrum in the 3.7-4.2 GHz range in the next couple months, regardless of the reallocation method on which it decides. While the planned 2.5 GHz band and 3.5 GHz band auctions are positive steps for mid-band spectrum in the U.S., they do not remove the urgency of moving forward with the 3.7 GHz band. Terrestrial wireless spectrum in the mid-band is critical to the United States keeping pace globally in the "Race to 5G." Nokia outlined the most recent international developments where spectrum allocation and product development and deployment planning in mid-band continue ahead of the U.S.

Messrs. Hendricks and Marks also provided a briefing on Nokia's advisory role to multiple officials and agencies in the U.S. government on how to secure 5G networks, offering technical assistance to the Commission as it continues to address this difficult issue.

Please contact the undersigned with any questions in connection with this submission.

Respectfully submitted,

/s/ Brian Hendricks

Brian Hendricks
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Jeffrey Marks
Head of Regulatory Affairs
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cc: Commissioner Jessica Rosenworcel
Umair Javed